Ice Seasonality Investigation
Lake/Pond Break-Up Data Sheet

School Name: _____ Study Site: ICE-_____
Observer Names:_____
Date: Year:_____ Month: _____ Day: _____
Local Time (hour:min): _____ Universal Time (hour:min): _____

General Break-Up Ice Observations:

Ice present?	❏ Yes ❏ No
Ice Cover:	
Estimate fraction of area covered by ice:	_____ %
Ice Cover Appearance:	
Ice fractured:	❏ Yes ❏ No
Water on ice:	❏ Yes ❏ No
Holes in ice:	❏ Yes ❏ No
Ice broken into pieces	❏ Yes ❏ No
Ice blocks movement	❏ Yes ❏ No
Ice surface: **(may choose more than one)**	❏ Smooth ❏ Rough ❏ Blocky/Broken/Jumbled ❏ Ice jam ❏ Holes/Leads ❏ Melt ponds ❏ Wet/Flooded ❏ Moat

Environmental Observations:

Cloud Cover:	• *If Three-quarters or More of the Sky is Visible:* (Check one)
	No Clouds *Clear* *Isolated* *Scattered* ❏ 0%-No Clouds ❏ <10% Clouds ❏ 10-25% Clouds ❏ 25-50% Clouds
	Broken *Overcast* ❏ 50-90% Clouds ❏ >90% Clouds
	• *If View of More than One-quarter of the Sky is Blocked:* ***Obscured*** ❏ Check here
	Why is the view of the sky blocked? (Check all that apply) ❏ Blowing Snow ❏ Heavy Snow ❏ Heavy Rain ❏ Fog ❏ Spray ❏ Volcanic Ash ❏ Smoke ❏ Dust ❏ Sand ❏ Haze
Wind*:	❏ Calm (<0.3 m/s) ❏ Light wind (0.3-5.5 m/s) ❏ Windy (>5.5 m/s)
Precipitation type:	❏ None ❏ Snow flurries ❏ Snowing ❏ Fog/Drizzle ❏ Rain ❏ Freezing rain

*See *Ice Seasonality Investigation Field Guide* for definitions.

Environmental Observation Comments:
_____
_____
_____
_____

Standard Photograph Set of Lake Ice Break-Up:
When you download the photos from your camera, rename them to follow the convention
study site ID_ date_ photo view (so the format would be: *ICE-99_YYMMDD_XXXXXX*
where *XXXXXX* is *the name you chose for the photo view when you defined the site*).

Enter the filename, and optional comments, for each photo here:

Photo 1: ICE-_____

Comments:_____

Photo 2: ICE-_____

Comments:_____

Photo 3: ICE-_____

Comments:_____

Photo 4: ICE-_____

Comments:_____

Photo 5: ICE-_____

Comments:_____

Photo 6: ICE-_____

Comments:_____

Optional Additional Photographs of Lake Ice Break-Up:
Enter the filename of each photo and accompanying comments here:

Additional photo 1:   `ICE-_____`

Comments:_____

Additional photo 2:   `ICE-_____`

Comments:_____

Additional photo 3:   `ICE-_____`

Comments:_____

Other Comments:

_____
_____
_____
_____